

# Human OPG Recombinant Protein



RPPB0820

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## Product Information    Protein Information

**Product SKU:**

RPPB0820

**Accession:**

O00300

**Host:**

HEK293 Cells.

**Protein description:**

OPG Human Recombinant is a single, glycosylated polypeptide chain containing 393 amino acids (22-401a.a) and having a molecular mass of 45.0kDa (calculated). OPG is fused to a 13 a.a FLAG- tag at N-terminal.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

TNFRSF11B, OPG, OCIF, Osteoclastogenesis inhibitory factor, Osteoprotegerin, TR1, MGC29565.

**Formulation:**

OPG filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in PBS, pH7.5 and 5% (w/v) Trehalose.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

PGDYKDDDDKPAGETFPKYLHYDEETSHQLLCDKCPPGYLQKHCTAKWKTVCAPCPDHYTDSWHTSDECLYC  
SPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFLKHRSCPPGFGVVQAGTPERNVCKRCPDGGFFSNETSSKAP  
CRKHTNCSVFLLLLTQKGNATHDNICSGNSESTQKCGIDVTLCEEAFRRFAVPTKFTPNWLSVLVDNLPGTKVNAES  
V  
ERIKRQHSSQEQTFLKLLWKHQNKDQDIVKKIQQIDLCENSVQRHIGHANLTFEQLRSLMESLPGKKVGAEDIEK  
TIKACKPSDQILKLLSLWRIKNGDQDTLGLMHALKHASKTYHFPKTVTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQ